

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8061	((set\$3 or format\$4 or initial\$8 or initiat\$4 or re-set\$3 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$3 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC)) with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L2	900	((tool\$3 or equipment or etch\$3 or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3) near4 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)) and (((set\$3 or format\$4 or initial\$8 or initiat\$4 or re-set\$3 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$3 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC)) with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L3	134	((recipe or ((process\$3 or operat\$4 or manufactur\$3 or production or fabricat\$3) near3 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient))) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC)) and (((tool\$3 or equipment or etch\$3 or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3) near4 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)) and (((set\$3 or format\$4 or initial\$8 or initiat\$4 or re-set\$3 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$3 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC)) with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L4	3	((set\$3 or format\$4 or initial\$8 or initiat\$4 or re-set\$3 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$3 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC)) same ((replac\$3 or chang\$3) near2 pad\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L5	14	("4833617"   "5356513"   "5367465"   "5471403"   "5486129"   "5510652"   "5514245"   "5526293"   "5599423"   "5637031"   "5655110"   "5665202"   "5759918"   "5836807").PN.	USPAT	OR	ON	2006/06/07 18:26

## EAST Search History

L6	4252	((setting or seting or initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))) with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L7	428	((tool\$3 or equipment or etch\$3 or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3) near4 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)) and (((setting or seting or initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))) with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L8	7658	(recipe or ((process\$3 or operat\$4 or manufactur\$3 or production or fabricat\$3) near3 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient))) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L9	74	(((tool\$3 or equipment or etch\$3 or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3) near4 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)) and (((setting or seting or initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))) with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event))) and ((recipe or ((process\$3 or operat\$4 or manufactur\$3 or production or fabricat\$3) near3 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient))) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
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## EAST Search History

L10	112	(((tool\$3 or equipment or etch\$3 or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3) near4 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)) and (((setting or seting or initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))) with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event))) and ((recipe or ((process\$3 or operat\$4 or manufactur\$3 or production or fabricat\$3) near3 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient)))) with (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L12	118	(retun\$3 or re-tun\$3) near3 (initial\$8 or trigger\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L13	97	(retun\$3 or re-tun\$3) near3 (initial\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L14	49	(retun\$3 or re-tun\$3) near2 (initial\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L15	29	(retun\$3 or re-tun\$3) near1 (initial\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L16	404	((re-set\$4 or re-format\$4 or reset\$4 or reformat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4) near1 (initial\$8)) and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52, 93,95-97,108-110,117,119,121-123, 160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L17	7	((re-set\$4 or re-format\$4 or reset\$4 or reformat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4) near1 (initial\$8)).ab. and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52, 93,95-97,108-110,117,119,121-123, 160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L18	2	((retun\$3 or re-tun\$3) near3 (initial\$8)) and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52, 93,95-97,108-110,117,119,121-123, 160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L19	97	((retun\$3 or re-tun\$3) near3 (initial\$8)) and ((retun\$3 or re-tun\$3) near3 (initial\$8 or trigger\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L20	2	((retun\$3 or re-tun\$3) near3 (initial\$8)) and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52, 93,95-97,108-110,117,119,121-123, 160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L21	2	((retun\$3 or re-tun\$3) near3 (initial\$8 or trigger\$3)) and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52,93,95-97,108-110, 117,119,121-123,160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L22	10	((retun\$3 or re-tun\$3) near3 (initial\$8 or set\$4 or reset\$4)) and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52,93,95-97,108-110, 117,119,121-123,160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L23	90	((recipe) near2 (operat\$4 near2 parameter)) and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52,93,95-97,108-110,117,119,121-123,160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L24	89	((recipe) near2 ((operation or operating) near2 parameter)) and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52,93,95-97,108-110,117,119,121-123,160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L25	6	((recipe) near2 ((operation or operating) adj parameter)) and ("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52,93,95-97,108-110,117,119,121-123,160,174-178.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L26	7	((recipe) near2 ((operation or operating) adj parameter)) and ("700"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L27	227671	"438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52,93,95-97,108-110,117,119,121-123,160,174-178.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L28	62508	(set\$3 or format\$4 or initial\$8 or initiat\$4 or re-set\$3 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$3 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L29	7555	(recipe or ((process\$3 or operat\$4 or manufactur\$3 or production or fabricat\$3) near3 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient))) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L30	253962	(tool\$3 or equipment or etch\$3 or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3) near4 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or condition\$3 or event)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L31	29264	(setting or seting or initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 19:05
L32	15754	(recipe or ((process\$3 or operat\$4 or manufactur\$3 or production or fabricat\$3) near3 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient))) with (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L33	59986	(setting or seting or preparing or initializ\$5 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4 or correct\$3 or tweak\$3 or tun\$4 or computing or calculat\$3 or recomput\$6 or recalculat\$4 or re-comput\$6 or re-calculat\$4 or trigger\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26



## EAST Search History

L34	9080	(recipe or ((process\$3 or operat\$8 or manufactur\$3 or production or fabricat\$3 or assembly) near2 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient or execut\$4))) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L35	1350	((setting or seting or preparing or initializ\$5 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4 or correct\$3 or tweak\$3 or tun\$4 or computing or calculat\$3 or recomput\$6 or recalculate\$4 or re-comput\$6 or re-calculate\$4 or trigger\$3) near3 (recipe or ((process\$3 or operat\$8 or manufactur\$3 or production or fabricat\$3 or assembly) near2 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient or execut\$4)))) with (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L36	60445	((setting or seting or preparing or initializ\$5 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4 or correct\$3 or tweak\$3 or tun\$4 or computing or calculat\$3 or recomput\$6 or recalculat\$4 or re-comput\$6 or re-calculat\$4 or trigger\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4))) or (((setting or seting or preparing or initializ\$5 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4 or correct\$3 or tweak\$3 or tun\$4 or computing or calculat\$3 or recomput\$6 or recalculat\$4 or re-comput\$6 or re-calculat\$4 or trigger\$3) near3 (recipe or ((process\$3 or operat\$8 or manufactur\$3 or production or fabricat\$3 or assembly) near2 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient or execut\$4)))) with (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
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## EAST Search History

L37	163591	(tool\$3 or equipment or etch\$3 or RIE or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3 or pad) near3 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or preventivemaintenanc\$3 or preventive-maintenanc\$3 or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or conditioning or conditioned or dressing or re-dressing or redressing or event or revitaliz\$8 or malfunction\$3 or degrad\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L38	1903	((target\$3 or specification) near3 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or preventivemaintenanc\$3 or preventive-maintenanc\$3 or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or conditioning or conditioned or dressing or re-dressing or redressing or event or revitaliz\$8 or malfunction\$3 or degrad\$6)) with (tool\$3 or equipment or etch\$3 or RIE or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3 or pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L39	1830	((control\$4) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC) with (recipe or ((process\$3 or operat\$8 or manufactur\$3 or production or fabricat\$3 or assembly) near2 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient or execut\$4))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L40	164482	((tool\$3 or equipment or etch\$3 or RIE or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3 or pad) near3 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or preventivemaintenanc\$3 or preventive-maintenanc\$3 or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or conditioning or conditioned or dressing or re-dressing or redressing or event or revitaliz\$8 or malfunction\$3 or degrad\$6)) or (((target\$3 or specification) near3 (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or preventivemaintenanc\$3 or preventive-maintenanc\$3 or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or conditioning or conditioned or dressing or re-dressing or redressing or event or revitaliz\$8 or malfunction\$3 or degrad\$6)) with (tool\$3 or equipment or etch\$3 or RIE or polish\$3 or deposit\$3 or lithograph\$6 or stepper or photolithograph\$6 or photo-lithograph\$6 or RTP or (rapid adj2 thermal) or implant\$8 or CMP or CVD or vapordeposit\$3 or pad))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
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## EAST Search History

L41	11578	((setting or seting or preparing or initializ\$5 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4 or correct\$3 or tweak\$3 or tun\$4 or computing or calculat\$3 or recomput\$6 or recalculat\$4 or re-comput\$6 or re-calculat\$4 or trigger\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4) or recipe or ((process\$3 or operat\$8 or manufactur\$3 or production or fabricat\$3 or assembly) near2 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient or execut\$4)))) with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or preventivemaintenanc\$3 or preventive-maintenanc\$3 or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or conditioning or conditioned or dressing or re-dressing or redressing or event or revitaliz\$8 or malfunction\$3 or degrad\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L42	2	"5546312".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L43	222	((setting or seting or preparing or initializ\$5 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4 or correct\$3 or tweak\$3 or tun\$4 or computing or calculat\$3 or recomput\$6 or recalculat\$4 or re-comput\$6 or re-calculat\$4 or trigger\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4) or recipe or ((process\$3 or operat\$8 or manufactur\$3 or production or fabricat\$3 or assembly) near2 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient or execut\$4)))) with (clean\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L44	1	"20010039462".pn. and (clean\$3 or etch\$3 or deposit\$3 or lithorgraph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L45	11	(US-6577926-\$ or US-6482660-\$ or US-6169931-\$ or US-5859964-\$ or US-5659467-\$ or US-5546312-\$ or US-5528510-\$).did. or (US-20030003607-\$ or US-20020197745-\$ or US-20010039462-\$ or US-20020197934-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/07 18:26
L46	10	L45 and (lean\$3 or etch\$3 or deposit\$3 or lithorgraph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L47	25	("438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52,93,95-97,108-110,117,119,121-123,160,174-178.ccls. ) and (((setting or seting or preparing or initializ\$5 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4 or correct\$3 or tweak\$3 or tun\$4 or computing or calculat\$3 or recomput\$6 or recalculat\$4 or re-comput\$6 or re-calculat\$4 or trigger\$3) near3 (model\$3 or simulat\$3 or emulat\$3 or SPC or (statistic\$4 near2 control\$4) or recipe or ((process\$3 or operat\$8 or manufactur\$3 or production or fabricat\$3 or assembly) near2 (instruct\$3 or command\$3 or parameter or list\$3 or ingredient or execut\$4)))) with (clean\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L48	227671	"438"/\$.ccls. or "702"/\$.ccls. or 700/29-31,46,52,93,95-97,108-110,117,119,121-123,160,174-178.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L49	11	L45 and (clean\$3 or etch\$3 or deposit\$3 or lithorgraph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L50	2	L45 and (clean\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L51	73	(clean\$3 with etch\$3 with (model\$4 or simulat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L52	103	(clean\$3 with deposit\$3 with (model\$4 or simulat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26

## EAST Search History

L53	103939	clean\$3 with (drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or preventivemaintenanc\$3 or preventive-maintenanc\$3 or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or conditioning or conditioned or dressing or re-dressing or redressing or event or revitaliz\$8 or malfunction\$3 or degrad\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L54	227	(drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or preventivemaintenanc\$3 or preventive-maintenanc\$3 or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or conditioning or conditioned or dressing or re-dressing or redressing or event or revitaliz\$8 or malfunction\$3 or degrad\$6) with deposit\$3 with (model\$4 or simulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L55	23	L53 and L54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L56	139	(drift\$4 or slip\$5 or shift\$3 or deviat\$3 or maintenanc\$3 or pm or preventivemaintenanc\$3 or preventive-maintenanc\$3 or replac\$6 or error or fault\$3 or misprocess\$3 or mistarget or conditioning or conditioned or dressing or re-dressing or redressing or event or revitaliz\$8 or malfunction\$3 or degrad\$6) with etch\$3 with (model\$4 or simulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L57	22	L53 and L56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L58	1	"20010039462".pn. and (clean\$3 or etch\$3 or deposit\$3 or lithorgraph\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26



## EAST Search History

L59	1	"6169931".pn. and converg\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L60	2	"6169931".pn. and optimal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L61	2	"20010039462".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 18:26
L62	8716	700/29-31,46,52,93,95-97,108-110, 117,119,121-123,160,174-178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 19:05
L63	18638	(setting or seting or initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or start\$3 or re-start\$3 or restart\$3 or retun\$4 or re-tun\$4 or re-tweak\$3 or retweak\$3 or re-correct\$4 or recorrect\$4) near3 (model\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 19:05
L64	11493	(initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-correct\$4 or recorrect\$4) near3 (model\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 19:06
L65	1098	((initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-correct\$4 or recorrect\$4) near3 (model\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 19:06
L66	0	((((initial\$8 or initiat\$4 or re-set\$4 or re-format\$4 or re-initial\$8 or re-initiat\$4 or reset\$4 or reformat\$4 or reinitial\$8 or reinitiat\$4 or re-correct\$4 or recorrect\$4) near3 (model\$4)) with (tool near2 event)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 19:06